

Fig. 1

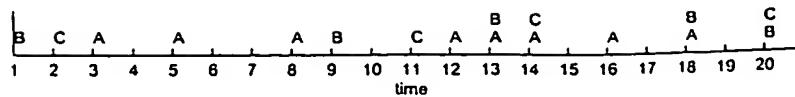


Fig. 2

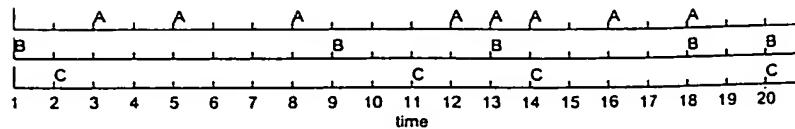


Fig. 3A

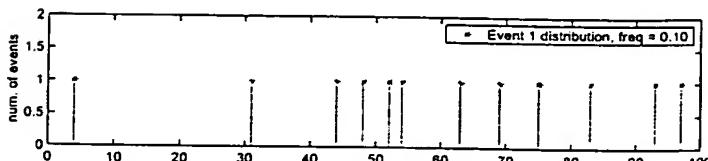


Fig. 3B

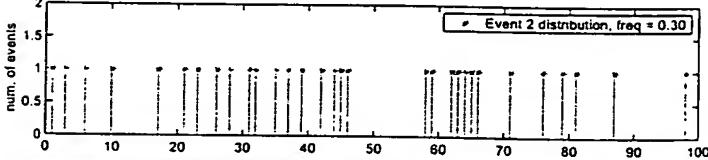


Fig. 3C

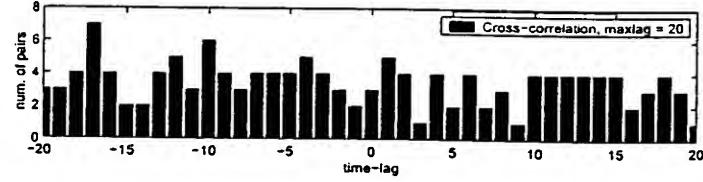


Fig. 4A

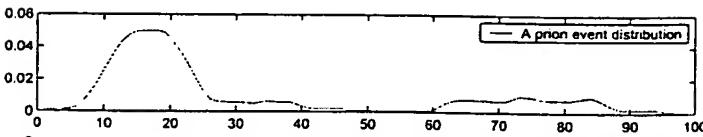


Fig. 4B

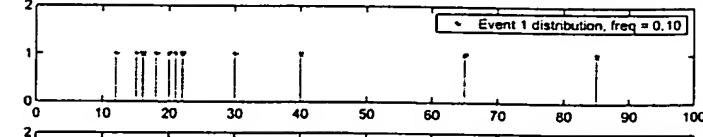


Fig. 4C

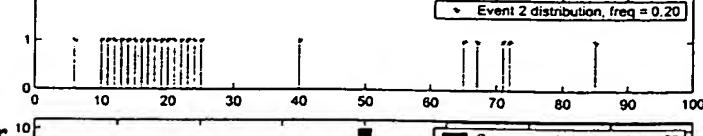


Fig. 4D

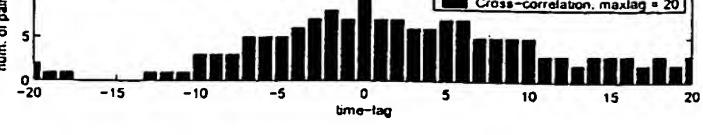


Fig 5A

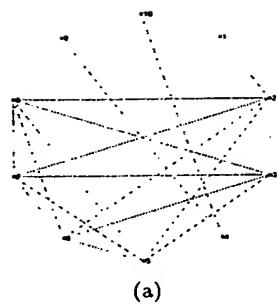


Fig. 5B

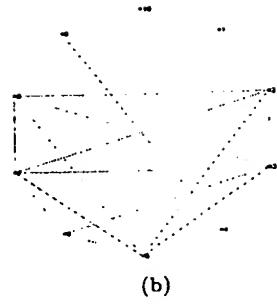


Fig. 6A1

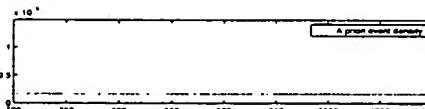


Fig. 6A2

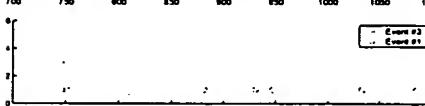


Fig. 6A3

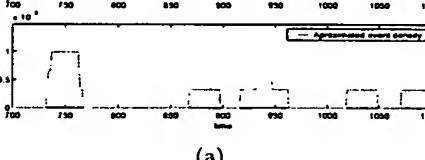


Fig. 6B1

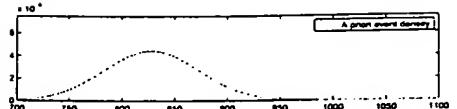
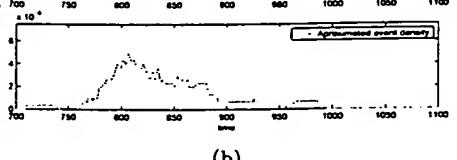


Fig. 6B2



Fig. 6B3



(a)

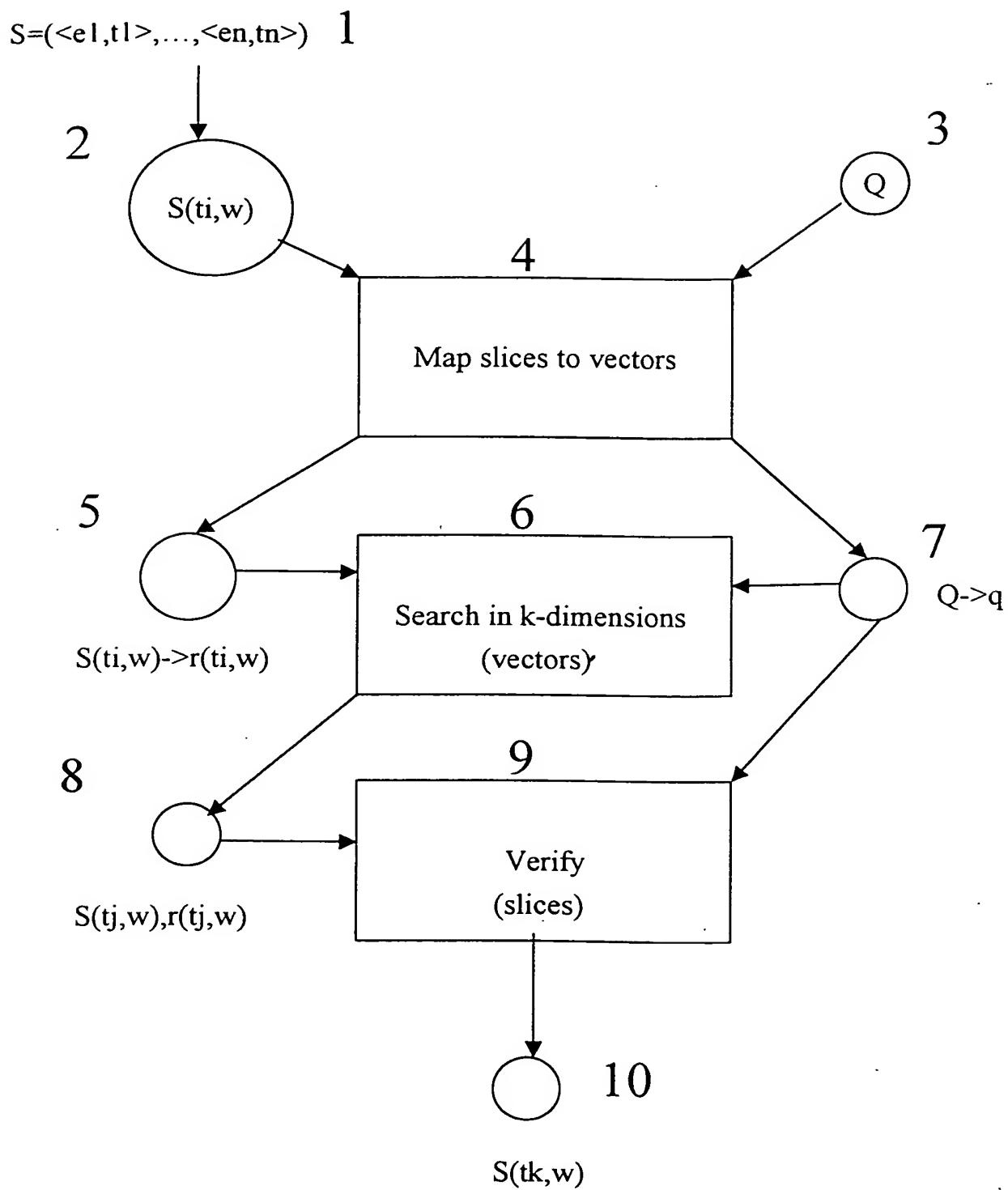


Figure 7.

Figure 8

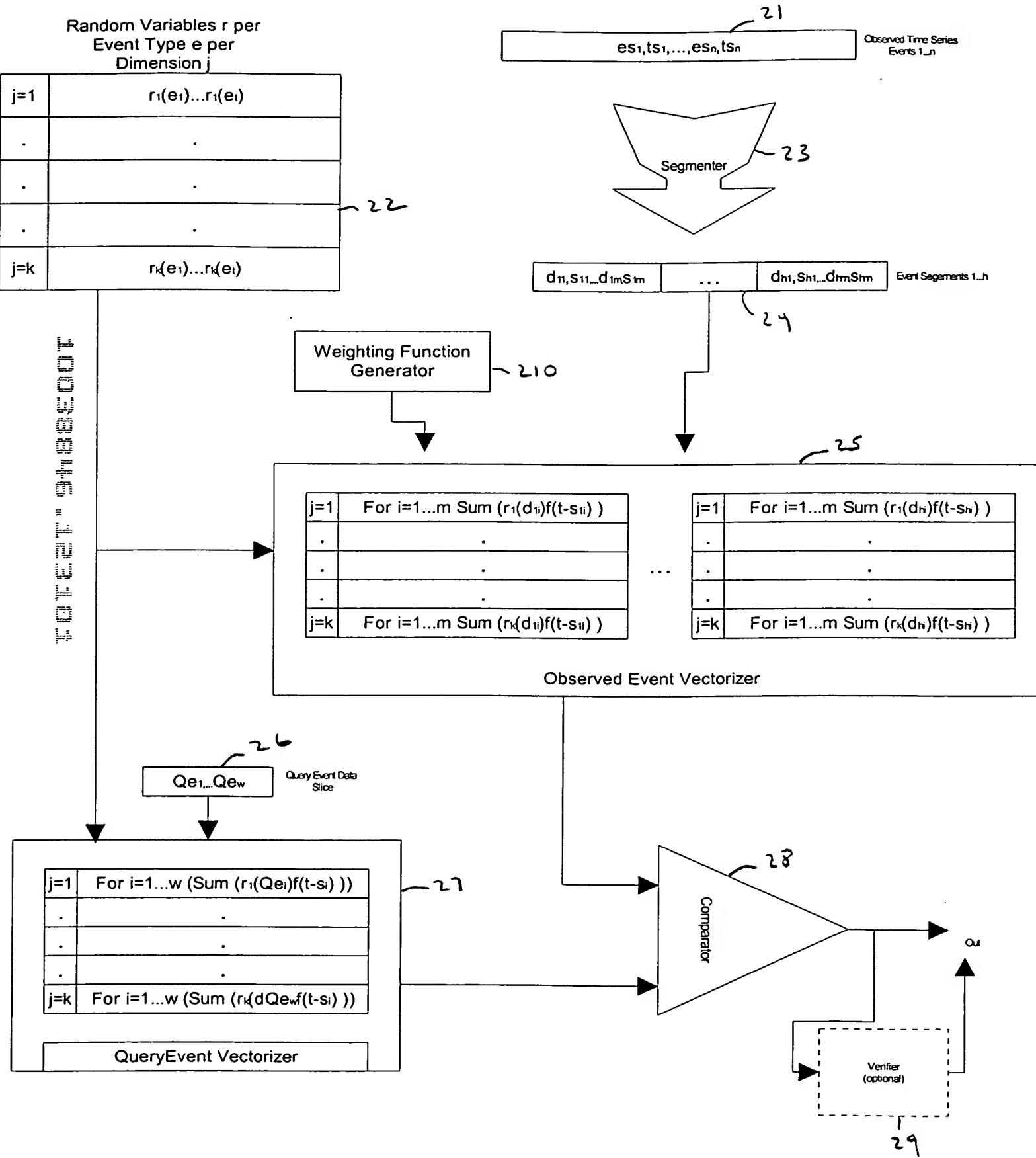


Fig. 9

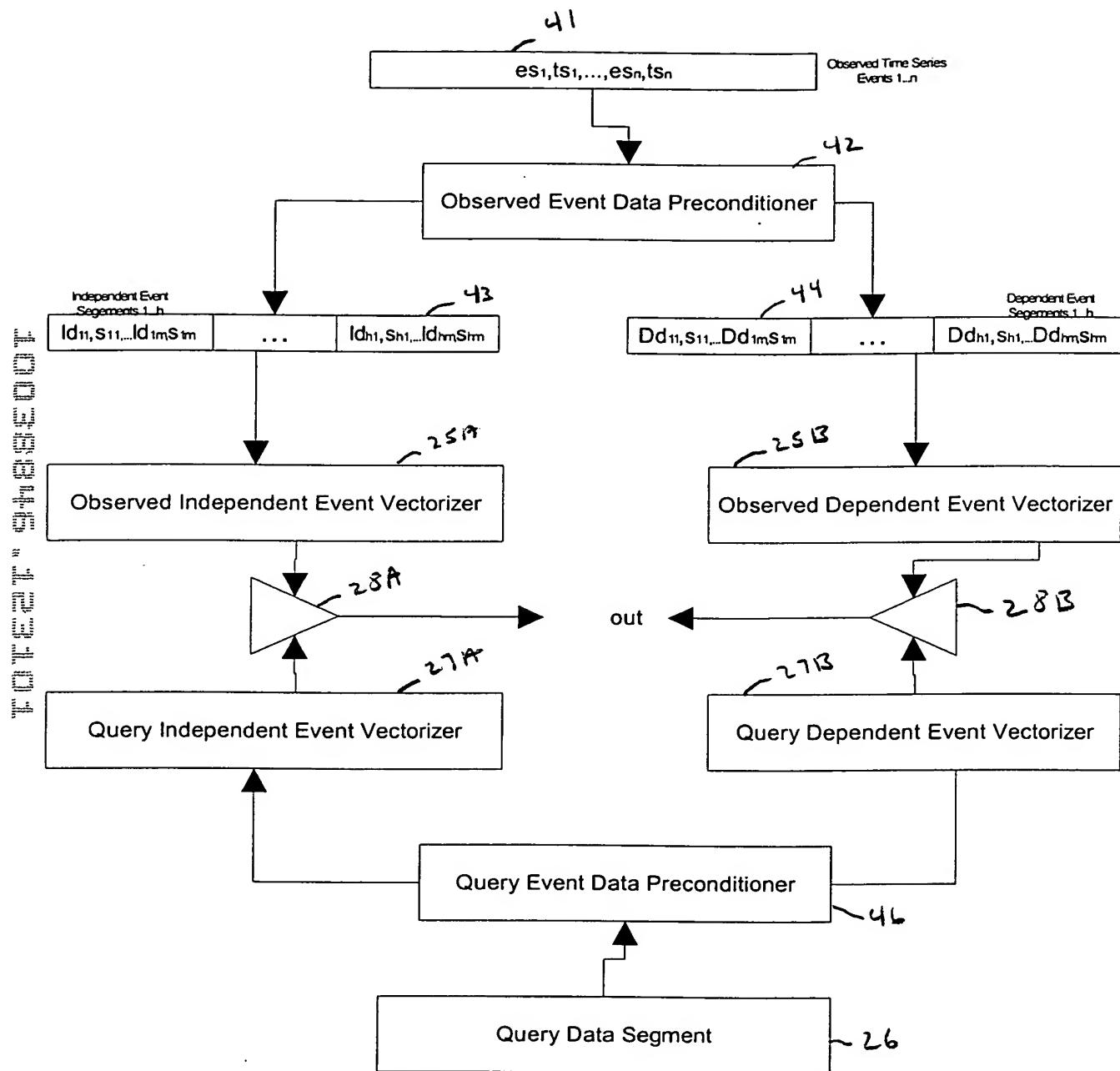


Fig. 9A

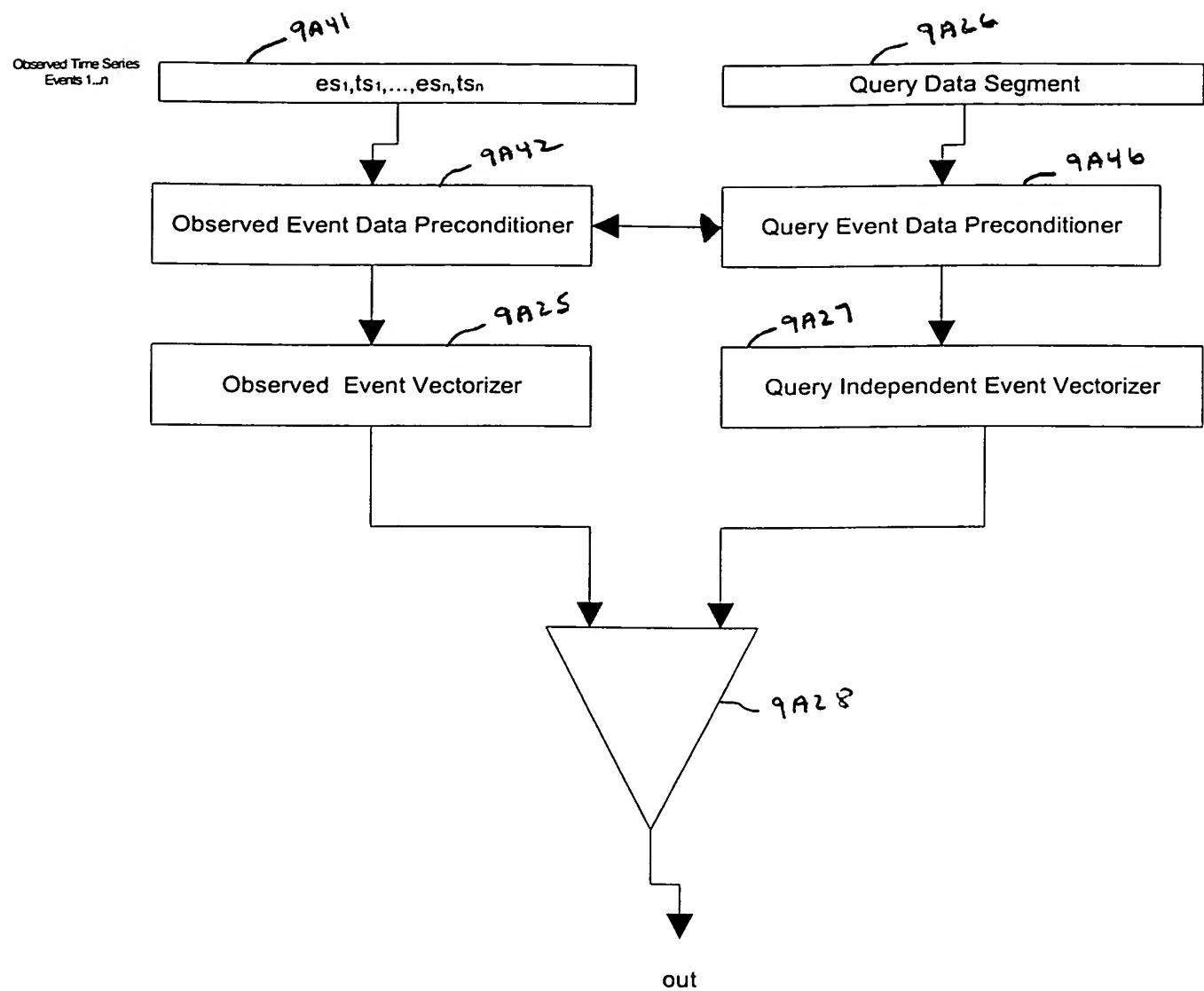
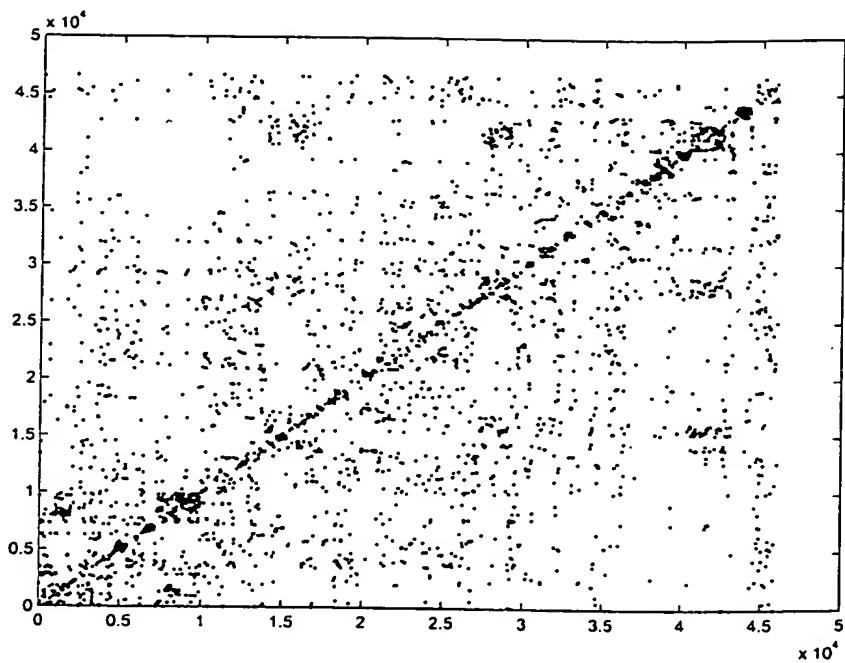


Fig. 10



The location of the closest slice to the query slice, for every 10th event in the sequence and for $W=1000$ sec.

Fig. 11

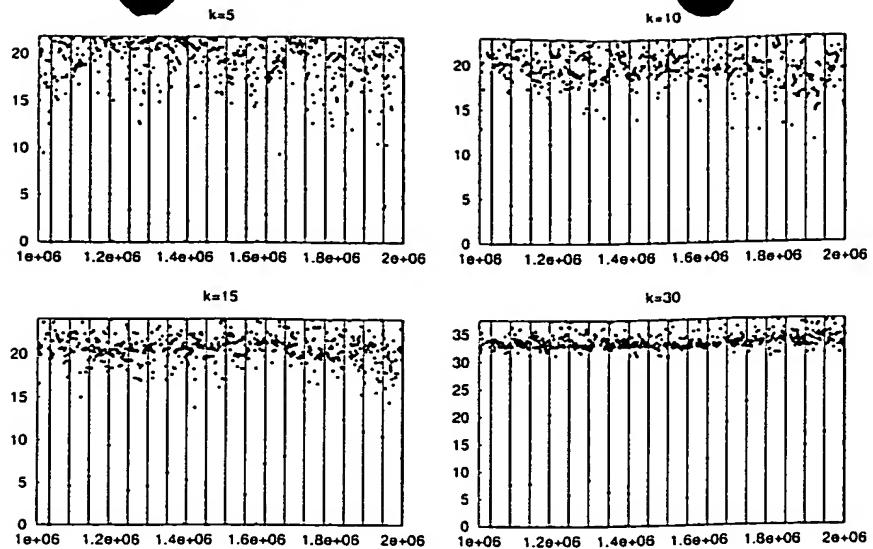
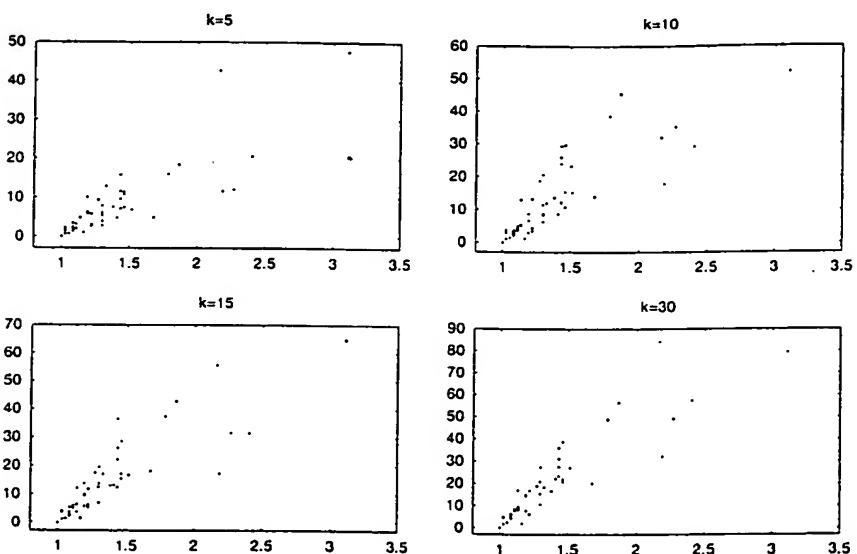


Fig. 12



Distances of target windows against the density ratio, alarm data

Fig. 13

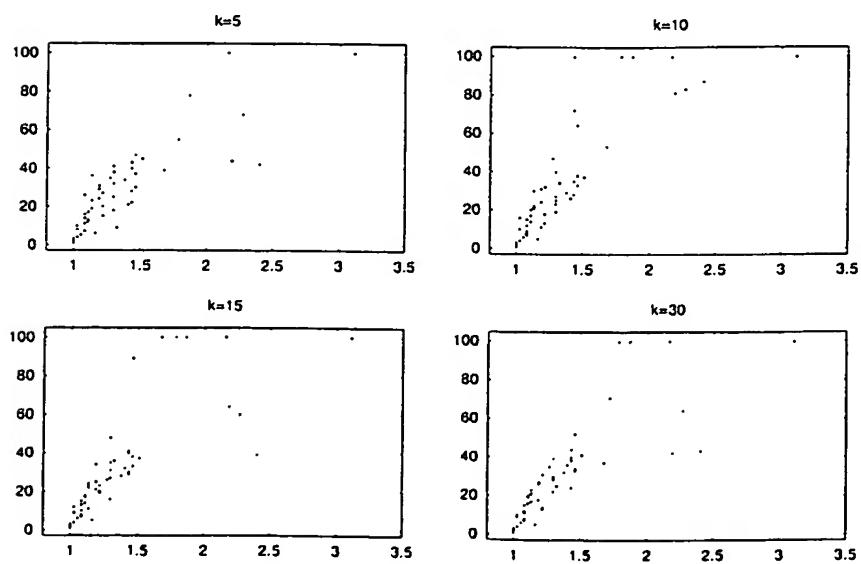


Fig. 14

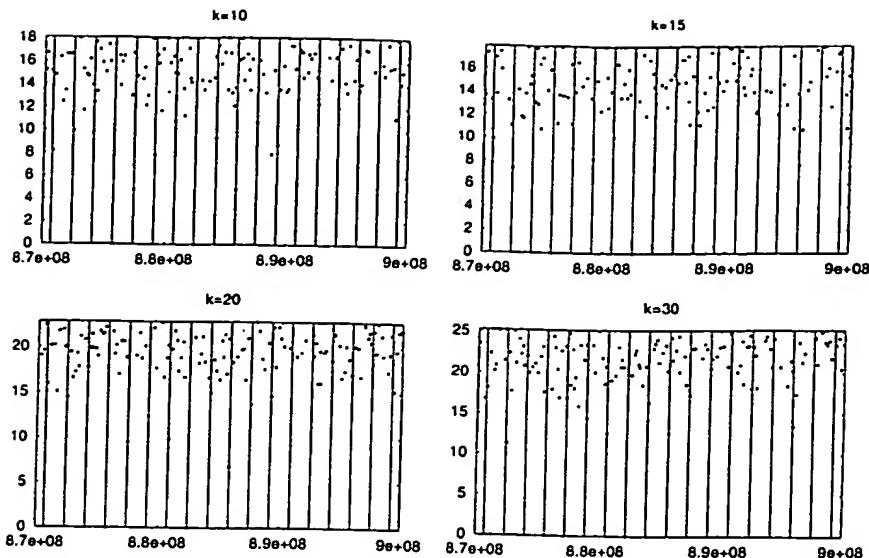


Fig. 17

Dist	Window	Closest	Offset	Dist	Window	Closest	Offset
0.00	1461230	1461230	exact	8.11	1675060	1675440	-380
0.00	2157420	2157420	exact	8.41	3014113	3014260	-147
0.00	1032800	1032800	exact	8.57	2799882	2800050	-168
1.02	2210970	2210970	exact	8.58	979102	979249	-147
1.26	497272	497272	exact	9.32	1193557	1193460	97
1.32	711484	711484	exact	10.18	818800	818590	210
2.10	872143	872143	exact	10.26	2639124	2639390	-266
2.59	3067820	3067820	exact	10.42	1942820	1943200	-380
3.55	1568330	1568330	exact	10.49	2853333	2853600	-267
3.61	2425180	2425180	exact	11.02	2478783	2478730	53
3.68	604378	604378	exact	11.02	1889383	1889650	-267
4.00	657931	657931	exact	11.33	2103614	2103860	-246
4.04	1247010	1247010	exact	12.17	2692793	2692940	-147
4.55	1300570	1300570	exact	12.41	1835763	1836100	-337
4.57	925696	925696	exact	12.91	2906893	2907160	-267
4.57	3121370	3121370	exact	13.14	2264140	2264520	-380
4.58	1086360	1086360	exact	13.75	3059438		missed
4.79	2532290	2532290	exact	13.77	1428734		missed
5.27	1407670	1407670	exact	14.08	2959387		missed
5.64	2371432	2371630	-198	14.17	755127		missed
5.70	1139910	1139910	exact	14.43	1961635		missed
5.82	2585840	2585840	exact	14.59	2053796		missed
6.13	1354120	1354120	exact	14.88	1729345	1728990	355
7.17	1621733	1621880	-147	15.01	1116290		missed
7.95	1996493	1996760	-267	15.26	2087183		missed

Dist=Distance to query window
 Window=Position (time) of window found
 Closest=Position of closest target window, if closer than 1000
 Offset=Difference of this window and closest target

Distances of fifty closest selected windows, k = 15, alarm data

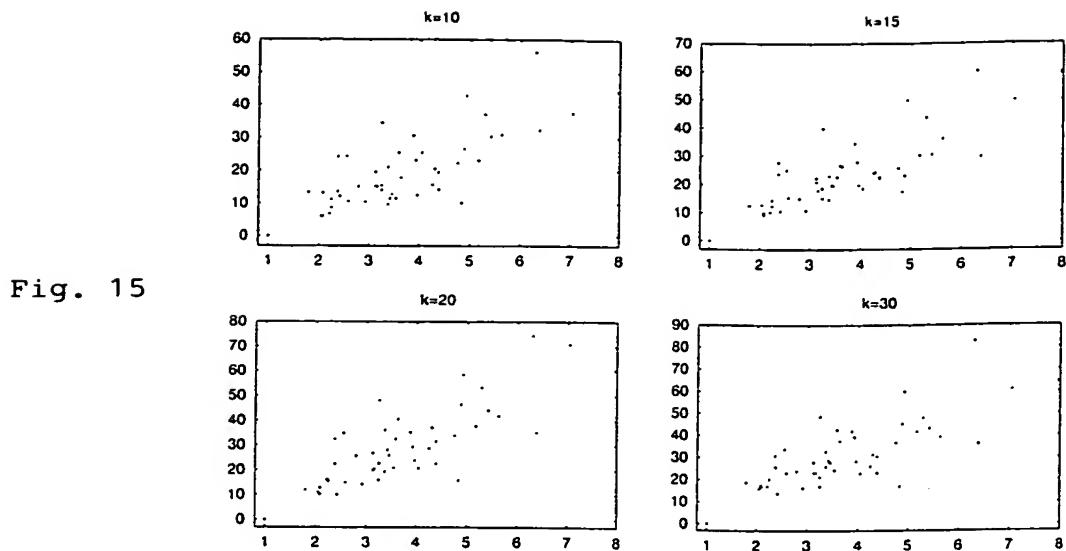


Fig. 15

Distances of target windows against density ratio, Entree Chicago data

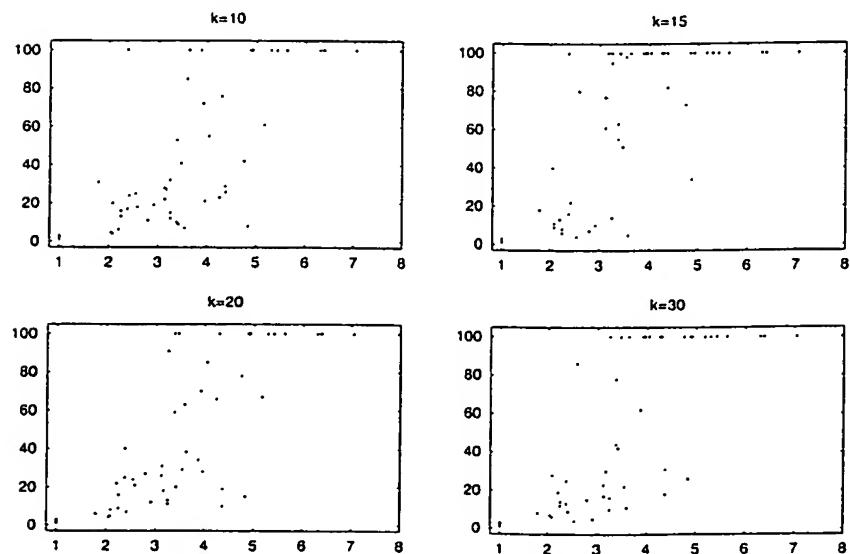


Fig. 16

Ranks of target windows against the density ratio, Entree Chicago data